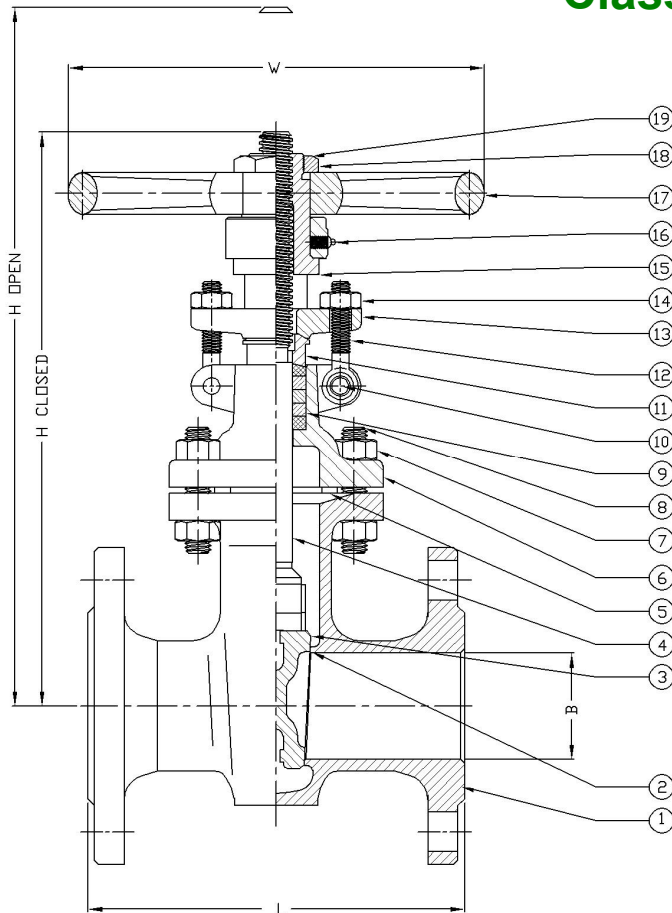


Gate Valve Class 600



Standards:
 Face to Face Dimensions: ANSI B16.10
 End Flange Dimensions: ANSI B16.5
 Basic Design: API 603
 Test Standard: API 598

MATERIAL LIST			
NO.	Part Name	ASTM Specification (Specs - Grades/Types)	
		A351	A351
1	Body	CF8 (304)	CF8M (316)
	Seat-Integral	A351-CF8	A351-CF8M
2	Hardfaced Seat Ring/Surface	A182-F304/CoCr-A	A182-F316/CoCr-A
	Gate	A351-CF8	A351-CF8M
3	Hardfaced Gate/Seating Surface	A351-CF8/CoCr-A	A351-CF8M/CoCr-A
	Stem	A182-F304	A182-F316
4	Gasket	304/Graphite	316/Graphite
5	Bonnet	A351-CF8	A351-CF8M
6	Bonnet Bolt Nut	A194-8	A194-8
7	Bonnet Bolt	A193-B8	A193-B8
8	Packing	Braided Graphite & Die Formed Graphite Ring	Braided Graphite & Die Formed Graphite Ring
9	Eye Bolt Pins	A276-316	A276-316
10	Gland	A276-304	A276-316
11	Eye Bolts	A193-B8	A193-B8
12	Gland Flange	A351-CF8	A351-CF8M
13	Eye Bolt Nut	A194-8	A194-8
14	Opnut	A439 Gr. D2C	A439 Gr. D2C
15	Grease Nipple	A276-316	A276-316
16	Handwheel	Malleable Iron	Malleable Iron
17	Handwheel Nut	Carbon Steel	Carbon Steel
18	Set Screw	Carbon Steel	Carbon Steel

NOTE: Seat rings on valves less than 2 NPS are swaged into the valve body.

DIMENSIONS AND WEIGHTS														
Size	NPS	1/2	3/4	1	1-1/2	2	2-1/2	3	4	5	6	8	10	12
L (RF)	In	6.50	7.50	8.50	9.50	11.50	13.00	14.00	17.00	20.00	22.00	26.00	31.00	33.00
	Mm	165.0	190.0	216.0	241.0	292	330	356	432	508	559	660	787	838
L (RTJ)	In	6.42	7.50	8.50	9.50	11.62	13.12	14.12	17.12	20.12	22.12	26.12	31.12	33.12
	Mm	163.0	190.0	216.0	241.0	295	333	359	435	511	562	663	790	841
L (BW)	In	6.50	7.50	8.50	9.50	11.50	13.00	14.00	17.00	20.00	22.00	26.00	31.00	33.00
	Mm	165.0	190.0	216.0	241.0	292	330	356	432	508	559	660	787	838
B	In	0.50	0.75	1.00	1.50	2.00	2.50	3.00	4.02	5.00	6.00	7.87	9.76	11.73
	Mm	12.7	19.1	25.4	38.1	51	64	76	102	127	152	200	248	298
H (Closed)	In	5.83	6.75	7.87	9.68	13.43	14.81	16.06	19.72	22.06	24.38	30.82	TBD	TBD
	Mm	148	171	200	246	341	376	408	501	560	619	783	TBD	TBD
H (Open)	In	6.30	7.60	9.00	1.04	15.78	17.81	19.81	25.00	28.12	31.18	40.25	TBD	TBD
	Mm	160	193	229	280	401	452	503	635	714	792	1022	TBD	TBD
W	In	3.94	3.94	4.72	5.51	9.84	9.84	11.81	13.78	15.75	17.82	19.68	25.20	25.20
	Mm	100	100	120	140	250	250	300	350	400	450	500	640	640
WT	LB	12.79	19.40	29.50	43.00	70.5	127.9	187.5	229.3	361.5	450.0	730.0		
	KG	5.80	8.80	13.38	19.50	32	58	85	104	164	204	331		